

What is claimed is:

1 1. A container, comprising:

2 a container body defining at least side walls and a bottom, and having
3 frame elements at least partly forming a door opening with a hinge side, a latch
4 side and a bottom side;

5 a container closure including a door panel sized to fit the door opening,
6 the door panel being hingedly attached relative to the frame elements at the
7 hinge side and being movable to occupy the door opening;

8 a compressible sealing gasket carried by at least one of the door panel
9 and the frame elements, the gasket being compressed between the door panel
10 and the frame elements under an operative sealing pressure when the
11 container closure is sealed with the door panel occupying a closing position in
12 the door opening;

13 at least one closing mechanism for holding together the door panel and
14 the frame elements in conjunction with compression of the gasket, the closing
15 mechanism being disposed along at least part of an edge of the door opening;

16 wherein the closing mechanism has at least one of an intermediate state
17 wherein the door panel is held ajar, and an intermediate span of adjustment that
18 is variable along the edge in a direction of the sealing gasket.

1 2. The container of claim 1, wherein the closing mechanism holds
2 the door panel against the gasket at a sealing pressure that is less than the
3 operative sealing pressure.

1 3. The container of claim 1, wherein the closing mechanism
2 comprising a catch for holding the door panel to one of the frame elements
3 remote from the hinge side, the spring catch engaging prior to the door panel
4 reaching the closing position.

1 4. The container of claim 3, wherein the catch is spring biased to
2 engage and is positioned to hold the door panel in the intermediate state after
3 the door panel is momentarily moved toward the closing position beyond the
4 intermediate state, whereby slamming the door results in engagement of the
5 catch.

1 5. The container of claim 3, further comprising a door clamping
2 mechanism operable to advance the door panel from the intermediate position
3 to the closing position.

1 6. The container of claim 5, wherein the door clamping mechanism
2 comprises a connection structure that is brought within range of attachment at
3 the intermediate position.

1 7. The container of claim 5, wherein the door clamping mechanism
2 comprises a rotatable locking bar having at least one eccentric cam, and a
3 manual lever handle extending radially from the locking bar, the cam being
4 received in a cam pocket in an associated one of the frame elements when the
5 door panel is in the intermediate position.

1 8. The container of claim 7, further comprising a lever handle spring
2 catch for affixing the manual lever handle in a locking position.

1 9. The container of claim 7, wherein the rotatable locking bar is
2 disposed on an edge of the door panel parallel to and opposite from the hinge
3 axis.

1 10. The container of claim 9, wherein the hinge axis is oriented
2 vertically at one lateral side of the door panel and further comprising a plurality
3 of said eccentric cams, the cams being spaced along the edge of the door
4 parallel to and opposite from the hinge axis.

1 11. The container of claim 10, further comprising at least one
2 clamping structure along a bottom edge of the door panel, said clamping
3 structure along the bottom edge being adjustable to obtain said intermediate
4 span of adjustment that is variable, along the bottom edge, in a direction of the
5 sealing gasket.

1 12. The container of claim 1, further comprising at least one clamping
2 structure along a bottom edge of the door panel, said clamping structure along
3 the bottom edge being adjustable to obtain said intermediate span of

4 adjustment that is variable, along the bottom edge, in a direction of the sealing
5 gasket.

1 13. The container of claim 12, wherein the clamping structure along
2 the bottom edge comprises at least two clamping tabs affixed to the bottom
3 edge and at least two corresponding clamping fingers mounted on a sill of the
4 door opening, the clamping fingers being movably mounted to apply pressure
5 against the clamping tabs.

1 14. The container of claim 13, wherein the clamping fingers are
2 mounted on a lock shaft that is rotatable to wrap the clamping fingers over the
3 clamping tabs.

1 15. The container of claim 14, wherein the lock shaft is coupled to the
2 container by force exertion means at least at one end of the lock shaft, whereby
3 application of the force exertion means applies local force at a level that varies
4 linearly along the lock shaft.

1 16. The container of claim 15, further comprising adjusting elements
2 for varying the local force from the level that varies linearly along the shaft.

1 17. The container of claim 16, wherein the adjusting elements for
2 varying the local force comprises a mechanism for individually varying a
3 position of the clamping tabs.

1 18. The container of claim 17, wherein at least one of said clamping
2 tabs comprises a pivotally mounted clamp plate and the adjusting elements
3 comprise threadable spacers for varying said position of the clamping tabs.